

FIG. 1

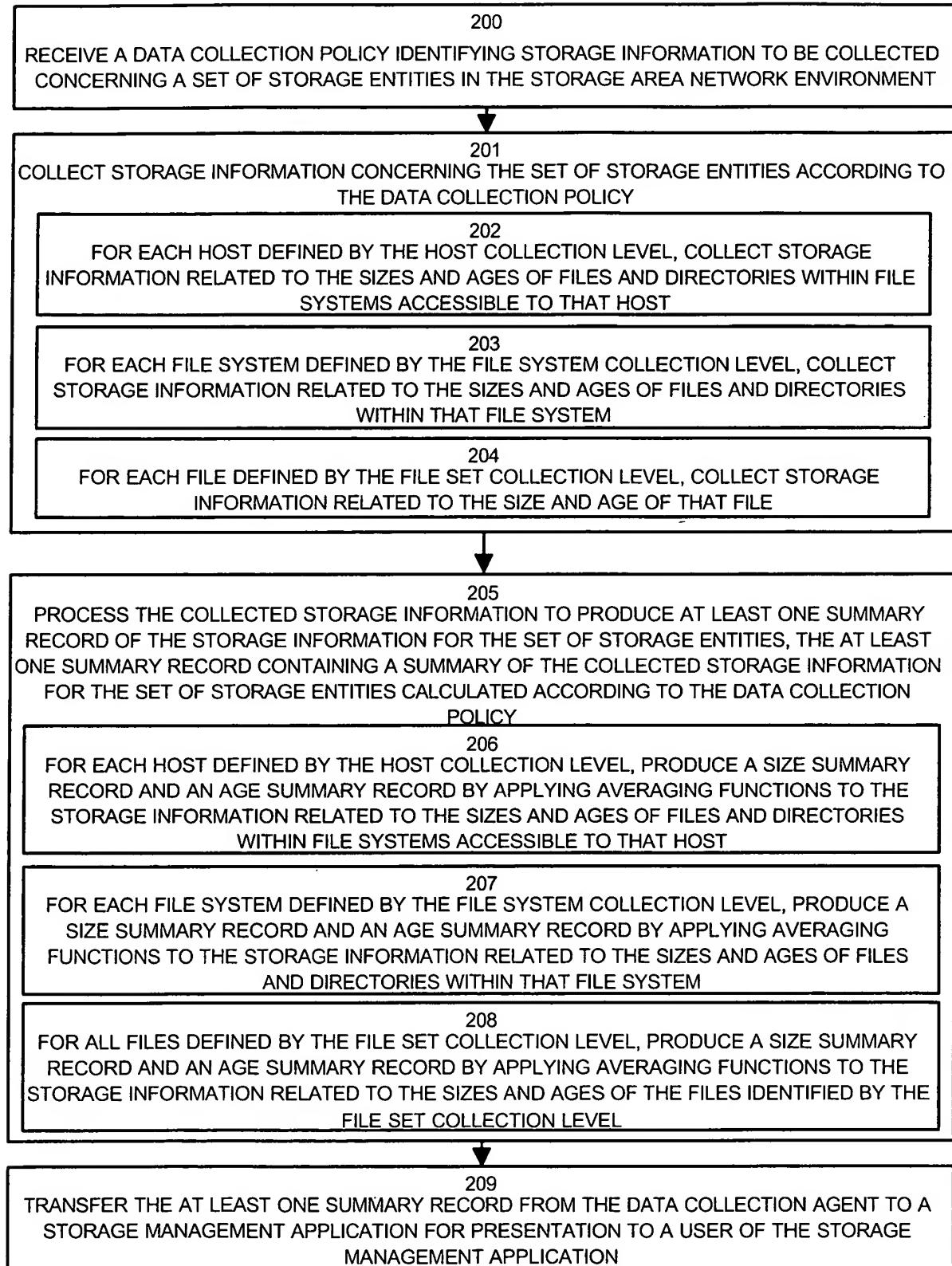


FIG. 2

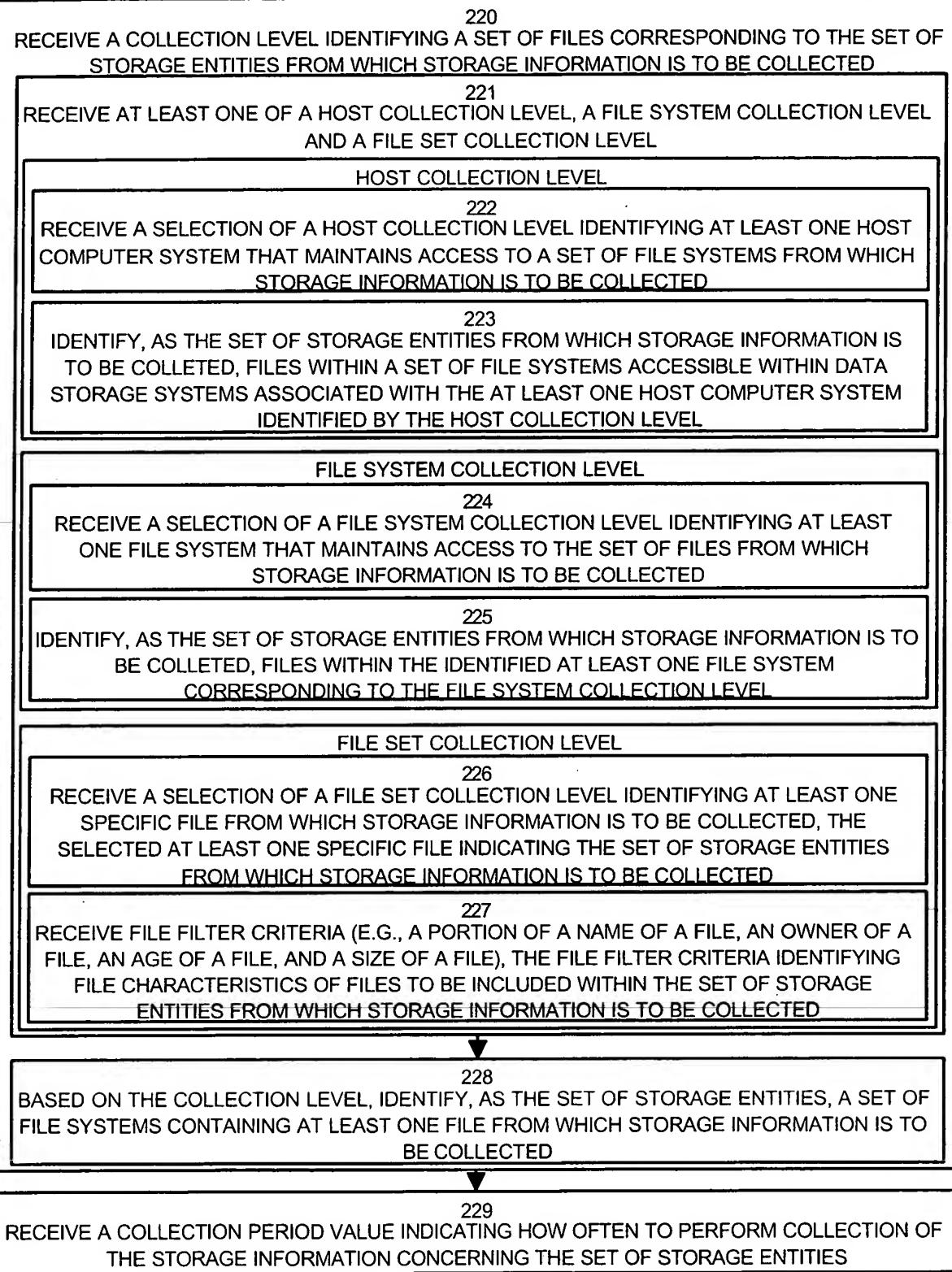


FIG. 3

201  
COLLECT STORAGE INFORMATION CONCERNING THE SET OF STORAGE ENTITIES ACCORDING TO  
THE DATA COLLECTION POLICY

240  
DETECT OCCURRENCE OF THE COLLECTION PERIOD

241  
IN RESPONSE TO THE OCCURRENCE OF THE COLLECTION PERIOD, PARSE THE SET OF FILE  
SYSTEMS TO QUERY EACH OF THE AT LEAST ONE FILES WITHIN DIRECTORIES IN THE SET  
OF FILE SYSTEMS IDENTIFIED BASED ON THE COLLECTION LEVEL TO OBTAIN FILE  
METADATA ASSOCIATED WITH EACH FILE

242  
BASED ON THE FILE METADATA FOR EACH FILE DETECTED IN EACH OF THE SET OF FILE  
SYSTEMS DURING PARSING, COLLECT THE STORAGE INFORMATION RELATED TO AGES AND  
SIZES OF FILES AND DIRECTORIES FOR EACH STORAGE ENTITY ASSOCIATED WITH AT  
LEAST ONE OF THE HOST COLLECTION LEVEL, THE FILE SYSTEM COLLECTION LEVEL AND A  
FILE SET COLLECTION LEVEL

243  
CALCULATE AT LEAST ONE OF:  
I) A RUNNING TOTAL NUMBER OF FILES DETECTED IN EACH DIRECTORY IN THE FILE  
SYSTEM;  
II) A RUNNING TOTAL OF THE AMOUNT OF DATA MAINTAINED WITHIN THE EACH FILE  
DETECTED;  
III) A RUNNING TOTAL OF THE AGE OF EACH FILE;  
IV) FOR EACH DIRECTORY DETECTED IN EACH OF THE SET OF FILE SYSTEMS DURING  
PARSING, A RUNNING TOTAL OF THE SIZE OF ALL FILES IN THAT DIRECTORY;  
V) A NUMBER N OF THE LARGEST FILES FOR THE COLLECTION LEVEL; AND  
VI) A NUMBER M OF THE OLDEST FILES FOR THE COLLECTION LEVEL

FIG. 4

205

PROCESS THE COLLECTED STORAGE INFORMATION TO PRODUCE AT LEAST ONE SUMMARY RECORD OF THE STORAGE INFORMATION FOR THE SET OF STORAGE ENTITIES, THE AT LEAST ONE SUMMARY RECORD CONTAINING A SUMMARY OF THE COLLECTED STORAGE INFORMATION FOR THE SET OF STORAGE ENTITIES CALCULATED ACCORDING TO THE DATA COLLECTION POLICY

250

CALCULATE AGE CHARACTERISTICS RELATED TO FILES AND DIRECTORIES WITHIN THE SET OF FILE SYSTEMS IDENTIFIED BASED ON COLLECTED STORAGE INFORMATION FOR THE COLLECTION LEVEL

251

FOR ALL FILE SYSTEMS ACCESSIBLE TO HOST COMPUTER SYSTEMS ASSOCIATED WITH THE HOST COLLECTION LEVEL, PRODUCE AN AGE SUMMARY RECORD INDICATING AN AGE OF FILES WITHIN THE FILE SYSTEMS FOR EACH HOST FOR A PLURALITY OF AGE RANGES AND AN AMOUNT OF STORAGE THE FILES WITHIN EACH AGE RANGE OCCUPY AND A LIST OF THE TOP M OLDEST FILES

252

FOR ALL FILE SYSTEMS ASSOCIATED WITH THE FILE SYSTEM COLLECTION LEVEL, PRODUCE AN AGE SUMMARY RECORD INDICATING AN AGE OF FILES WITHIN THE FILE SYSTEMS FOR A PLURALITY OF AGE RANGES AND AN AMOUNT OF STORAGE THE FILES WITHIN EACH AGE RANGE OCCUPY AND A LIST OF THE TOP M OLDEST FILES WITH THE FILE SYSTEMS

253

CALCULATE SIZE CHARACTERISTICS RELATED TO FILES AND DIRECTORIES WITHIN THE SET OF FILE SYSTEMS IDENTIFIED BASED ON COLLECTED STORAGE INFORMATION FOR THE COLLECTION LEVEL

254

FOR ALL FILE SYSTEMS ACCESSIBLE TO HOST COMPUTER SYSTEMS ASSOCIATED WITH THE HOST COLLECTION LEVEL, PRODUCE A SIZE SUMMARY RECORD INDICATING A TOTAL AMOUNT OF FILES STORED WITHIN THE FILE SYSTEMS FOR EACH HOST, AT LEAST N OF THE LARGEST FILES ACCESSIBLE TO THE HOST

255

FOR ALL FILE SYSTEMS ASSOCIATED WITH THE FILE SYSTEM COLLECTION LEVEL, PRODUCE A SIZE SUMMARY RECORD INDICATING AN TOTAL AMOUNT OF FILES STORED WITHIN THE FILE SYSTEMS, AT LEAST N OF THE LARGEST FILES ACCESSIBLE WITHIN THE FILE SYSTEMS

FIG. 5